

SECOND YEAR - LEVEL II COURSES

FIRST SEMESTER

S/N	COURSE CODE	COURSE TITLE	Pre-Requisite	UNITS
1	CSC2301	Computer Programming I	CSC1302	3
2	CSC2303	Operating System	CSC1301	3
3	CSC2305	Foundation of Sequential Program		3
4	CSC2307	Application Packages		3
5	PHY2303	Electrical Circuit and Electronics	PHY1303	3
6	MTH2201	Linear Algebra I		2
7	MTH2305	Mathematical Method I		3
8	GST2223	Entrepreneurship and Innovation		2
9	GST2224	Nigeria People and Culture		2
TOTAL				24

SECOND SEMESTER

S/N	COURSE CODE	COURSE TITLE	Pre-Requisite	UNITS
1	CSC2302	Computer programming II	CSC2301	3
2	CSC2304	Computer Hardware	PHY2303	3
3	CSC2306	Fundamentals of Data Structures		3
4	CSC2308	Discrete Structures		3
5	CSC2310	Operating System II	CSC2303	3
6	CSC2312	Structured Programming	CSC2301	3
7	CSC2314	Computer Programming with Vb.Net		3
	MTH 2305	Linear Algebra II*		3
8	GST2221	Communication in English II		2
9	GST2222	Peace Studies and Conflict Resolution		2
TOTAL				25

Course marked with (*) are elective courses.
All other courses are core courses.

49-3

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THIRD YEAR – LEVEL III COURSES

FIRST SEMESTER

S/N	COURSE CODE	COURSE TITLE	Pre-Requisite	UNITS
1	CSC3401	Object Oriented Programming	CSC2312	4
2	CSC3303	Computer Architecture & Organization	CSC2304	3
3	CSC3205	System Analysis & Design		2
4	CSC3207	Computational Science & Numerical Methods		2
5	CSC3309	Formal Models of Computation		3
6	CSC3311	Introduction to operation research*		3
7	CSC3315	Web Application Development		3
8	MTH3309	Numerical Analysis *		3
9	GST3202	Entrepreneurship Studies		2
TOTAL				22

SECOND SEMESTER

S/N	COURSE CODE	COURSE TITLE	Pre-Requisite	UNITS
1.	CSC3690	Students industrial Work Experience		6
TOTAL				6

Course marked with (*) are elective courses.
All other courses are core courses.

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FOURTH YEAR - LEVEL IV COURSES

FIRST SEMESTER

S/N	COURSE CODE	COURSE TITLE	Pre-Requisite	UNITS
1	CSC4421	Algorithms and Complexity Analysis		4
2	CSC4423	Compiler Construction		4
3	CSC4405	Survey of Programming Language		4
4	CSC4307	Data Management		3
5	CSC4209	Artificial Intelligence		2
6	CSC4211	Research Methodology in Computing		2
7	CSC4319	Computer Networks/Communications		3
8	CSC 4315	Formal Models of Computation*		
TOTAL				22

SECOND SEMESTER

S/N	COURSE CODE	COURSE TITLE	Pre-Requisite	UNITS
1	CSC4302	Software Engineering	CSC4303	3
2	CSC4404	Net-Centric Computing	CSC4303	4
3	CSC4306	Computer Graphics and Visualization*		3
4	CSC4308	Information Technology Law		3
5	CSC4310	Human Computer Interface		3
6	CSC4312	Distributed Computing System*		3
7	CSC4414	Cryptography & Network Security		4
8	CSC4699	Project	CSC4213	6
TOTAL				26

Course marked with (*) are elective courses.

All other courses are core courses.